

**MATERIAL SAFETY DATA SHEET**

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Name of the product: **PVL 14****1. IDENTIFICATION OF THE PRODUCT AND THE SOCIETY**

- |      |                         |   |
|------|-------------------------|---|
| 1.1. | Commercial designation: | PVL 14  |
| 1.2. | Supplier                | DADELOS, S.L.   |
|      | Address                 | Plza. Alcalde Domingo Torres, 4º 1º<br>46020 Valencia (Spain) |
|      | Phone / Fax             | +34 96 362 88 62 / +34 96 362 85 44                           |
|      | Emergency call          | +34 96 362 88 62  |

**2. IDENTIFICATION OF THE DANGERS**

- |      |                   |   |
|------|-------------------|---|
| 2.1. | Principal dangers | <b>NOT CLASSIFIED AS DANGEROUS MATTER</b> |
| 2.2. | Specific risks    | --  |
| 2.3. | Other information | --  |

**3. COMPOSITION / INFORMATION ABOUT THE COMPONENTS**

- |      |               |                                 |
|------|---------------|---------------------------------|
| 3.1. | Substance     | Amino acids of vegetable origin |
| 3.2. | Chemical name | extract of cereals              |

**4. THE FIRST AIDS**

- |      |                   |                          |
|------|-------------------|--------------------------|
| 4.1. | Contact with eyes | wash with abundant water |
| 4.2. | Contact with skin | wash                     |
| 4.3. | Ingestion         | --                       |
| 4.4. | Other indications | --                       |

**5. MEASURES OF FIGHT AGAINST THE FIRE**

- |      |                                 |                |
|------|---------------------------------|----------------|
| 5.1. | Recommended strengths of attack | Not applicable |
| 5.2. | Measures and particular risks   | --             |

**6. MEASURES TO TAKE IN CASE OF ACCIDENTAL SPILLAGE**

- |      |                               |  |
|------|-------------------------------|--|
| 6.1. | Individual precautions        | --   |
| 6.2. | Protection of the environment | The product is of vegetable and biodegradable origin. To gather to the maximum to reduce DBO's load. |
| 6.3. | Methods of cleanliness        | To wash with water   |

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Name of the product: **PVL 14****7. MANIPULATION AND STORAGE**

7.1.	Manipulation	--
	Technical measures	--
	Council of utilization	--
7.2.	Storage	--
	Conditions of storage	--
	Incompatible matters	--
	Materials of packing	Stainless, identical, plastic iron, glass

**8. CONTROL OF THE EXHIBITION / INDIVIDUAL PROTECTION**

8.1.	Individual protection equipments	Not special danger present, normal protection against powder
	Protection of the eyes	--
	Protection of the hands	--
	Protection of the skin	--
8.2.	Specific measures of hygiene	--

**9. PHYSICAL AND CHEMICAL PROPERTIES**

9.1.	Physical State	Dark liquid
	Colour	Dark brown
	Smell	Sui Generis
	Flavor	Sour fruit-juice
9.2.	pH	6,4 – 6,6
9.3.	Temperature of boiling	100 – 110 °C
	Temperature of decomposition	--
	Point of flash	--
9.4.	Steam pressure	--
9.5.	Voluminous mass	1,25 – 1,30 Approximately
9.6.	Solubility	Miscible with water in all proportions

**10. STABILITY AND REACTIVITY**

10.1.	Stability	Fermentable matter in dilution
10.2.	Dangerous reactions	--
10.3.	Conditions to avoiding	--
10.4.	Products of dangerous decomposition	--

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Name of the product: **PVL 14**

## 11. TOXICOLOGICAL INFORMATION

- |       |                  |    |
|-------|------------------|----|
| 11.1. | Acute toxicity   | -- |
| 11.2. | Local effects    | -- |
| 11.3. | Specific effects | -- |

## 12. ECOLOGICAL INFORMATION

- |       |                                |               |
|-------|--------------------------------|---------------|
| 12.1. | Persistence / biodegradability | Biodegradable |
| 12.2. | Ecotoxicity                    | --            |

## 13. CONSIDERATIONS RELATIVE TO ELIMINATION

- |       |                           |    |
|-------|---------------------------|----|
| 13.1. | Treatment of the residues | -- |
|-------|---------------------------|----|

## 14. INFORMATION RELATIVE TO THE TRANSPORT

- |       |                       |                |                |                |                |
|-------|-----------------------|----------------|----------------|----------------|----------------|
| 14.1. | Regulation transports | Not applicable |                |                |                |
| 14.2. | Number ONU            | Not applicable |                |                |                |
|       |                       | RID/ADR        | RTMDR          | IMDG           | IATA/OACI      |
|       |                       | Not applicable | Not applicable | Not applicable | Not applicable |
|       | Class                 |                |                |                |                |
|       | Group, number or page |                |                |                |                |
|       | Label                 |                |                |                |                |
|       | Code of danger        |                |                |                |                |
|       | Code matter           |                |                |                |                |

## 15. REGULATION INFORMATION

- |       |                                       |                |
|-------|---------------------------------------|----------------|
| 15.1. | Labelling according to Directives CEE | Not applicable |
|       | Symbol of danger                      | Not applicable |
|       | Phrase R                              | Not applicable |
|       | Phrase S                              | Not applicable |
| 15.2. | Other dispositions                    | Not applicable |

## 16. OTHER INFORMATION

This card completes but doesn't substitutes for the technical bulletins of utilization temporary employees relative to the product.

It is called in addition the attention of the manipulator on the risks that eventually might stem of using the product for a different use that them for which it has been conceived.

It is the user's responsibility to determine the suitability of this information for adoption of necessary safety precautions.

The information given in this card it doesn't constitute a guarantee, but they are based on the condition of our knowledge on the issue date.

Valencia, November 29<sup>th</sup> 2008